Power generation capacity

2283. SHRI SYED AZEEZ PASHA: Will the Minister of POWER be pleased to state:

(a) the total electricity power generation capacity of India as on date and out of total generation capacity, how much is from hydel generation;

(b) whether it is a fact that 40 thousand Mega Watt is to be generated through nuclear deal;

(c) if so, how many years it would take to generate to this energy;

(d) whether the identified untapped hydel potential is one lakh Mega Watt; and

(e) if so, how many, years, it would take to generate hydel energy to the tune of 40 thousand Mega Watt since taking the project in hand?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI JAIRAM RAMESH): (a) The installed generating capacity (utilities) as on 30.11.2008 of the country is approximately 1,46,903 MW. Out of this, the total Hydro Generating Capacity including Small Hydro Projects (included in Renewable Energy Sources as on 30.09.2008) is around 38,808 MW.

(b) and (c) The Integrated Energy Policy of the country envisages reaching a nuclear power capacity of 63,000 MWe by the year 2031-32. This capacity is planned to be achieved through a mix of indigenous nuclear reactors and by setting up atomic parks, 6,000 to 10,000 MWe capacity at a site comprising of about 1000 MWe and above nuclear power reactors based on imports.

(d) and (e) As per the re-assessment of hydroelectric potential carried out by CEA (1978-87), the hydro potential of the country has been assessed about 1,48,700 MW. Out of this upto 30.11.2008, 32,931 MW has been developed and 13,085 MW is under construction leaving 1,02,684 MW as untapped. Hydro projects are site specific. Construction period of a 40 MW capacity hydro project generally ranges from 4 to 6 years from the date of placement of orders for main civil works depending upon features of the project *i.e.* type of project (run-of-river or storage), height of dam, length of water conductor system, type of power house (surface or underground), *etc.*

Power generation situation

2284. DR. K. MALAISAMY: Will the Minister of POWER be pleased to state:

(a) what are the various sources of power generation in the country and the quantum of power generated in each source per year, and its cost per unit, State-wise;

(b) what is the annual demand of power in the country and the quantum of shortage, State-wise; and

(c) how the shortage is being managed?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI JAIRAM RAMESH): (a) The various sources of power generation in the country are thermal, hydro, nuclear and Renewable Energy

Sources (RES). The State-wise details of power generation in the country from thermal, nuclear and hydro power stations during the year 2008-09 (April to November, 2008) is given at Statement-I (*see* below) and the latest available per unit cost of power for the year 2006-07 is enclosed at Statement-II. (*See* below)

(b) The State-wise power supply position showing the quantum of shortage both in terms of energy and peak for the year 2007-08 is enclosed at Statement-III. (*See* below)

(c) The shortage is being managed by demand side management like notified power cuts, load shedding, staggering of weekly-offs, *etc.*

Statement-I

State wise Power Generation details during 2008-09 *(April* '08-*November* '08*)*

State	Category	Sector	Name of Station	Actual (MU)
1	2	3	4	5
				3586.52
		State	I.P. Station	590.83
			Rajghat	583.16
			I.P. CCPP	851.34
			Pragati CCPP	1649.13
Haryana	Thermal	Central	Faridabad CCPP	1596.62
		State	Faridabad Ext.	328.38
			Panipat	6062.71
			Yamuna Nagar TP	2034.23
	Hydro	State	Western Yamuna Canal	223
Himachal Pradesh	Hydro	Central	Chamera	1878.25
			Bhakra	3870.06
			Dehar	2708.28
			Pong	840.14
			Baira Siul	564.47
			Chamera II	1211.64
			Nathpa Jhakri	5709.51
		State	Khauli	36.42
			Andhra	64.69

1	2	3	4	5
			Baner	34.01
			Bassi	197.26
			Binwa	22.8
			Gaj	33.63
			Ghanvi	72.85
			Giri Bata	207.26
			Larji	560.34
			Sanjay	526.21
			Thirot	4.28
		Private	Baspa	1163.88
			Malana	321.59
Jammu and Kashmir	Thermal	State	Pampore GT (Liq.)	0.28
	Hydro	Central	Dulhasti	1839.32
			Salal	2548.44
			Uri	2032.83
		State	Pahalgam	5.53
			Baglihar	75.04
			Chenani	44.75
			Gandharbal	13.14
			Kargil	5.53
			Lower Jhelum	365.21
			Mohra	0
			Sewa	7.25
			Stakna	5.23
			Upper Sindh	289.65
Punjab	Thermal	State	GHTP (Leh. Moh.)	2317.25
			GHTP II Leh. Moh	925.21
			GNDTP (Bhatinda)	1909.21
			Ropar	6486.78

1	2	3	4	5
	Hydro	Central	Ganguwal	292.79
			Kotla	390.06
		State	Anandpur Sahib	552.14
			Mukerian	610.76
			Ranjit Sagar	1194.17
			Shanan	466.82
			UBDC	255.31
Rajasthan	Thermal	Central	Anta CCPP	1615.41
		State	Chhabra TPP	0
			Kota	5640.23
			Suratgarh	6269.72
			Giral TPP	242.59
			Dholpur CCPP	1556.93
			Ramgarh CCPP	221.05
	Nuclear	Central	R.A.P.S.	1473.44
	Hydro	State	Anoopgarh	1.41
			J Sagar	126.71
			Mahi Bajaj	55.7
			R P Sagar	171.79
			RMC Mangrol	1.39
			Suratgarh	0.03
Uttar Pradesh	Thermal	Central	Dadri (NCTPP)	4799.24
			Rihand STPS	11023.01
			Singrauli STPS	10302.81
			Tanda	2171.25
			Unchahar	5523.31
			Auraiya CCPP	2388.38
			Dadri CCPP	3485.09
		State	Anpara	7611.12
			Harduaganj B	457.7

1	2	3	4	5
			Obra	3427.2
			Panki	818.44
			Parichha	1858.78
	Nuclear	Central	N.A.P.S.	598.9
	Hydro	State	E.Y. Canal	10.57
			Sheetla	0.87
			U.G. Canal	14.23
			Khara	284.28
			Matatilla	84.95
			Obra	118.41
			Rihand	307.66
Uttarakhand	Hydro	Central	Dhauli Ganga	989.37
			Tanakpur	352.96
			Tehri ST-1	2260.36
		State	Chibro (Yamuna)	724.33
			Chilla	563.29
			Dhakrani	125.82
			Dhalipur	192.29
			Khatima	107.98
			Khodri	325.23
			Kulhal	117
			Maneri Bhali	295.57
			Maneri Bhali II	853.86
			Mohammadpur	27.06
			Pathri	61.95
			Ramganga	118.42
		Private	Vishnu Prayag	1808.15
Chhattisgarh	Thermal	Central	Bhilai IMP	0
			Korba STPS	11434.34
			Sipat STPS	2257.05

1	2	3	4	5
		State	Korba East V	2384.37
			Korba-II	911.54
			Korba-III	1062.15
			Korba-West	4152.41
		Private	OP Jindal	3710.86
			Pathadi TPP	0
	Hydro	State	Gangrel	29.12
			Hasdeobango	188.11
			Sikasar	0
Goa	Thermal	Private	Goa GT (Liq.)	188.33
Gujarat	Thermal	Central	Gandhar CCPP	2678.14
			Kawas CCPP	2166.14
		State	Gandhi Nagar	3948.13
			Sikka Rep.	923.45
			Ukai	3141.02
			Wanakbori	7060.5
			Akrimota LIG.	636
			Kutch LIG.	903.29
			Dhuvaran	861.74
			Dhuvaran CCPP	857.79
			Hazira CCPP	614.7
			Utran CCPP	530.67
		Private	Torr Power AEC	351.22
			Torr Power SAB.	1921.41
			Surat LIG.	1061.41
			Baroda CCPP	728.97
			Essar CCPP	1072.5
			GIPCL. GT IMP	699.98
			Peguthan CCPP	2420.5
			Sugen CCPP	0
			Vatwa CCPP	525.5

1	2	3	4	5
	Nuclear	Central	Kakrapara	991.35
	Hydro	State	Ukai	318.53
			Kadana	57.17
			S Sarovar CHPH	186.67
			S Sarovar RBPH	1580.77
Madhya Pradesh	Thermal	Central	Vindhyachal STPS	17118.69
		State	Amar Kantak	51.43
			Amar Kantak Ext.	619.14
			Sanjay Gandhi	4981.85
			Satpura	4788.89
	Hydro	Central	Indira Sagar	1114.36
			Omkareshwar	573.28
		State	Bansagar Tons-I	870.26
			Bansagar Tons-II	37.76
			Bansagar Tons-III	71.75
			Bansagar Tons-IV	24.53
			Bargi	298.14
			Birsinghpur	41.56
			Gandhi Sagar	74.22
			Madhikhera	96.88
			Pench	169.25
			Rajghat	113.29
			Rani Avanti Bai Lodhi Sagar	0
		Private	Tawa	0
Maharashtra	Thermal	Central	R. Giri CCPP I	613.36
			R. Giri CCPP II	1594.94
			R. Giri CCPP III	1777.81
		State	Bhusawal	1972.82
			Chandrapur	9507.44

1	2	3	4	5
			Khaparkheda II	4448.25
			Koradi	3902.56
			Nasik	3570.58
			New Parli	532.48
			Paras	231.29
			Paras Exp.	534.33
			Parli	2746.04
			Uran CCPP	2846.03
		Private	Dahanu	2926.7
			Trombay	6204.96
			Trombay CCPP	602.87
	Nuclear	Central	Tarapur	4192.03
	Hydro	State	Bhatgarh	26.54
			Bhatsa	34.12
			Bhira TAIL RACE	47.67
			Dhom	2.56
			Dimbhe	5.55
			Dudh Ganga	41.07
			Eldari	8.65
			Ghatghar	58.27
			Kanher	3.52
			Khadakwasla (Panshet)	14.77
			Khadakwasla (Varsagon)	12.82
			Koyna-I	2088.66
			Manikdoh	0.01
			Paithon	10.14
			Pawana	9.43
			Radhanagri	4.27
			Surya	8.15
			Tillari	99.2
			Ujjaini	21.24

1	2	3	4	5
			Vaitarna	72.8
			Veer	28.82
			Warna	22.65
		Private	Bhandardhara	47.99
			Bhira PSS	230.48
			Bhivpuri	154.18
			Khopoli	205.06
			Bhira	117.13
Andra Pradesh	Thermal	Central	Ramagundem STPS	13952.36
			Simhadri	5556.51
		State	Dr. N. Tata Rao	6751.85
			Kothagudem	2852.22
			Kothagudem New	2431.34
			Ramagundem – B	288.02
			Rayalaseema	4319.41
			Vijeswaran CCPP	1039.25
		Private	Gautami CCPP	0
			Godavari CCPP	894.97
			Jegurupadu CCPP	894.52
			Konaseema CCPP	0
			Kondapalli CCPP	1490.82
			Peddapuram CCPP	643.09
			Vemagiri CCPP	213.87
			LVS Power DG	0
	Hydro	State	Nagarjun SGR TPD	0
			Small Hydro	6.48
			Donkarayi	91.06
			Hampi	55.53
			Lower Sileru	927.88
			Machkund	466.9
			Nagarjun SGR	906.62

1	2	3	4	5
			Nagarjun SGR LBC	77.89
			Nagarjun SGR RBC	141.28
			Nizam Sagar	9.16
			Penna Ahobilam	1.89
			Pochampad	32.85
			Priyadarshni Jurala	106.08
			Singur	5.73
			Srisailam	1244.19
			Srisailam LB	1446.06
			TB Dam	82.47
			Upper Sileru	393.42
		Private	Guntur	0
Karnataka	Thermal	State	Bellary TPP	314.46
			Raichur	6721.17
			Yelhanka (DG)	277.56
		Private	Torangallu	915.76
			Tanir Bavi CCPP (Liq.)	259.21
			Belgaum DG	278.46
			Bellary DG	72.46
	Nuclear	Central	Kaiga	1968.15
	Hydro	State	Almatti DPH	347.53
			Bhadra	53.33
			Gerusuppa	393.54
			Ghat Prabha	60.25
			Jog	213.15
			Kadra	292.79
			Kalinadi	2222.04
			Kalinadi SUPA	312.47
			Kodasali	255.08
			Liganamakki	150.81
			Mallarpur	0

1	2	3	4	5
			Mani DPH	9.76
			Munirabad	66.79
			Sharavathy	3670.85
			Shimsapura	21.58
			Sivasamundrum	239.17
			Varahi	816.35
		Private	Manjanadha	0
			Chayadevi	43.04
			Madhavamantri	13.73
			Mandagere	4.88
			Neria	19.29
			Shahpur	9.79
			Shivapura	46.55
			Harangi	10.31
			Narayanpur	24.15
Kerala	Thermal	Central	R. Gandhi CCPP (Liq.)	1221.33
		State	Bramhapuram DG	145.6
			Kojikode DG	275.51
		Private	Cochin CCPP (Liq.)	458.6
			Kasargode DG	62.52
	Hydro	State	Chembukadavu	10
			Idamalayar	219.13
			Idukki	1594.71
			Kakkad	103.41
			Kallada	26.86
			Kuttiyadi	439.98
			Lower Periyar	419.96
			Madhupatty	0.9
			Malankara	25.04
			Nariamanglam	260.09
			Narimanglam Ext.	0

1	2	3	4	5
			Pallivasal	127.4
			Panniar	0
			Peppara	5.91
			Poringalkuttu	95.92
			Poringalkuttu LBC	85.86
			Sabarigiri	573.57
			Sengulam	115
			Sholayar	121.32
			Urmi	11.51
		Private	Maniyar	20.81
			Kuthungal	28.21
Lakshadweep	Thermal	State	Lakshdweep DG	18.77
Puducherry	Thermal	State	Ikaraikal CCPP	168.14
Tamil Nadu	Thermal	Central	Neyvelifst Ext	2067.5
			Neyveli ST I	2212.84
			Neyveli ST II	5517.82
		State	Ennore	1298.99
			Mettur	4284.76
			North Chennai	3365.94
			Tuticorin	5255.94
			Kovikalpal CCPP	496.66
			Kuttalam CCPP	478.39
			Narimangt GT	0
			Valuthur CCPP	619.26
			Basin Bridge GT (Liq.)	77.61
		Private	Neyveli TPS(Z)	1264.12
			Karuppur CCPP	544.55
			P. Nallur CCPP	1320.15
			Valantarvy CCPP	224.21
			B. Bridge DG	916.74

1	2	3	4	5
			Samalpatti DG	451.66
			Samayanallur DG	444.7
	Nuclear	Central	M.A.P.P.	1032.8
	Hydro	State	Bhawani Kattal	69.06
			Sholayar	241.37
			Aliyar	122.08
			Kadampari	171.41
			Kodayar	175.6
			Kundah	1302.78
			Lower Bhavani	47.78
			Lower Mettur	337.66
			Mettur Dam	68.83
			Mettur Tunnel	390.27
			Moyar	93.38
			Papanasam	88.24
			Parsons Valley	24.85
			Periyar	378.68
			Pykara	55.97
			Pykara Dam	0
			Pykara Ultmate	285.36
			Sarkarpathy	74.09
			Sathnur Dam	3.24
			Servalar	13.69
			Suruliyar	71.1
			Vaigai	15.74
Andaman and Nicobar	Thermal	State	Andaman and Nicobar DG	47.77
		Private	Bambooflat DG	85.02
	Hydro	State	Kalpong	7.47
Bihar	thermal	Central	Kahalgaon	5279.83
			Muzaffarpur	107.82

1	2	3	4	5
		State	Barauni	33.25
	Hydro	state	E.G. Canal	16.14
			Kosi	3.5
			Sone East Canal	7.5.3
			Sone West Canal	12.12
Jharkhand	Thermal	Central	Bokarob	2181.98
			Chandrapura	1601.88
			Maithon GT (Liq.)	0
		State	Patratu	661.15
			Tenughat	1177.89
		Private	Jojobera	1408.68
	Hydro	Central	Panchet	209.97
			Tillaya	15.54
		State	Subernrekha	218.59
Orissathermal	Central	Talcher	2396.49	
			Talcher STPS	14072.02
		State	IB Valley	2013.97
		Private	ICCL IMP	191.91
			NALCO IMP	130.06
	Hydro	State	Hirakud	810.41
			Balimela	696.16
			Rengali	739.86
			Upper Indravati	1531.74
			Upper Kolab	426.38
SikkimThermal	State	Gangtok DG	0.08	
			Ranipool DG	0
	Hydro	Central	Rangit	277.78
			Teesta V	1538.04
		State	Rongli	0
			Small Hydro	3.66

1	2	3	4	5
			L.Jagyap	26.56
			Moyanchu	3.73
			U. Rongchu	0.6
West Bengal	Thermal	Central	Durgapur	1184.05
			Farakka STPS	6691.51
			Mejia	4802.3
		State	Bakreswar	3549.03
			Bandel	1639.91
			D.P.L.	1911.41
			Kolaghat	4684.77
			Sagardighi TPP	908.58
			Santaldih	1164.93
			Haldia GT (Liq.)	0
			Kasba GT (Liq.)	0
			Siliguri GT (Liq.)	0
		Private	Budge Budge	2973.64
			Chinakuri	73.83
			Dishergarh	23.19
			Newcossipore	291.2
			Southern Repl.	804.34
			Titagarh	1341.9
	Hydro	Central	Maithon	163.46
		State	Jaldhaka	0
			Massanjore	0
			Purulia PSS	372.02
			Rammam	174.64
			Teesta Canal Falls	71.22
Arunachal Pradesh	Hydro	Central	Ranganadi	1389.05
		State	Kambang	0

1	2	3	4	5
			Nurang	11.62
			Sippi	0.76
			Tago	2.58
AssamThermal	central	Kathalguri CCPP	1161.6	
		State	Chandrapur	0
			Lakwa GT	415.65
			Namrup GT	246.77
			Namrup ST	73.83
			Namrup WHP	51.6
		Private	DLF Assam GT	62.16
	Hydro	Central	Kopili	846.83
		State	Karbi Langpi	360.17
Manipur	Thermal	State	Leimakhong DG	0
	Hydro	Central	Loktak	360.62
Meghalaya	Hydro	Central	Khondong	166.54
		State	Kyrdemkulai	109.18
			Umiam	239.66
			Umtru	30.55
Mizoram	Thermal	State	Bairabi DG	1.87
Nagaland	Hydro	Central	Doyang	224.44
		State	Likim RO	41.9
Tripura	Thermal	Central	Agartala GT	445.99
		State	Baramura GT	112.78
			Rokhia GT	297.89
	Hydro	State	Gumti	42.53
All India	Thermal			378774.63
	Nuclear			10256.67
	Hydro			85330.63
	Bhutan Imp.			5411.72
	All India total		479773.65	

Statement-II

Per unit cost of power for the year 2006-07

Sl. No.	Name of the Utilities	Installed capacity (MW)	Per unit cost of power (Paise/Kwh)
1	2	3	4
	Central sector		
1.	Bhakra Beas Management Board	2866.30	15.11
2.	Damodar Valley Corporation	2796.50	330.63
3.	National Hydro Electric Power Corporation Limited	2714	162.67
4.	National Thermal Corporation limited	25412.00	174.83
5.	Neyveli Lignite Corporation Limited	2490.00	178.09
6.	North eastern Electric Power Corporation Limited	1130.00	194.91
7.	Satluj Jal Vidyut Nigam Limited	1500.00	282.00
8.	Tehri Hydro Development Corporation	1000.00	658.94
9.	Narmada Hydroelectric Development Corporation Limited	1000	210.52
10.	Nuclear Power Corporation of India	3800.00	218.88
	State Sector		
1.	Haryana	1587.70	286.71
2.	Himachal Pradesh	472.18	338.00
3.	Delhi	994.50	241.31
4.	Punjab	4524.25	254.71
5.	Rajasthan	2840.35	213.25
6.	Uttarakhand	600.15	27.48
7.	Uttar Pradesh	4582.50	169.16
8.	Chhattisgarh	1480.85	330.77
9.	Gujarat	4968.00	212.07
10.	Madhya Pradesh	3167.50	153.11
11.	Maharashtra	9057.00	157.46
12.	Andhra Pradesh	7252.26	142.58
13.	Karnataka	4820.62	132.12

1	2	3	4
14	Kerala	2071.23	356.78
15.	Puducherry	32.50	207.00
16.	Tamil Nadu	5571.23	310.16
17.	Bihar	584.10	199.97
18.	Sikkim	39.52	240.00
19.	Orissa	2297.50	74.95
20.	West Bengal	2988.20	81.71
21.	Andaman and Nicobar	20.00	327.00
22.	Arunachal Pradesh	34.24	193.00
23.	Assam	239.50	193.54
24.	Meghalaya	185.20	280.00
25.	Nagaland	. 27.54	270.02
26.	Tripura	110.00	169.40
	Private Sector		
1.	CESC Limited, Kolkata	975.00	374.00
2.	DLF Power Limited	57.50	259.10
3.	Durgapur projects Limited	401.00	252.00
4.	Essar Power Limited, Hazira	515.00	223.00
5.	G M R Energy Limited	220.00	1234.94
6.	G M R Power Corporation Private Limited	200.00	626.16
7.	Gujarat Industries Power Company Limited	555.00	216.75
8.	Gujarat Paguthan Energy Corporation Private Limited	654.73	296.97
9.	G V K Industries Limited	216.82	249.00
10.	Hindalco Industries Limited	267.50	77.00
11.	Jaiprakash Hydro-Power Limited	400.00	256.00
12.	Jaiprakash Power Ventures Limited	300.00	299.00
13.	J S W Energy Ltd. (Jindal Tharmal Power Corporation Limited)	260.00	381.79
14.	Madurai Power Corporation Private Limited (Balaji)	105.00	692.00
15.	Malana Power Company Limited	86.00	276.08
16.	Reliance Energy Limited	220.00	279.00

1	2	3	4
17.	Samalpatt Power Company Private Limited	105.66	739.02
18.	Tata Power Company Limited	1838.80	335.00
19.	Torrent Power Limited	500.00	376.94

Statement-III

Power Supply Position

State/ System/ Region	Figures in MU net April, 2007 – March, 2008				Figures in MW net April, 2007 – March, 2008			
	Require-ment (MU)	Availa-bility (MU)	Surplus/Deficit (-) (MU)	(%)	Peak Demand (MW)	Peak Met (MW)	Surplus/Deficit (-) (MW)	(%)
1	2	3	4	5	6	7	8	9
Chandigarh	1,446	1,446	0	0.0	1,446	1,446	0	0.0
Delhi	22,439	22,301	-138	-0.6	22,439	22,301	-138	-0.6
Haryana	29,353	25,652	-3,701	-12.6	29,353	25,652	-3,701	-12.6
Himachal Pradesh	5,992	5,814	-178	-3.0	5,992	5,814	-178	-3.0
Jammu and Kashmir	11,782	8,362	-3,420	-29.0	11,782	8,362	-3,420	-29.0
Punjab	42,372	38,795	-3,577	-8.4	42,372	38,795	-3,577	-8.4
Rajasthan	36,738	35,597	-1,141	-3.1	36,738	35,597	-1,141	-3.1
Uttar Pradesh	62,628	51,335	-11,293	-18.0	62,628	51,335	-11,293	-18.0
Uttarakhand	7,047	6,845	-202	-2.9	7,047	6,845	-202	-2.9
Northern Region	219,797	196,147	-23,650	-10.8	219,797	196,147	-23,650	-10.8
Chhattisgarh	14,079	13,409	-670	-4.8	14,079	13,409	-670	-4.8
Gujarat	68,747	57,614	-11,133	-16.2	68,747	57,614	-11,133	-16.2
Madhya Pradesh	41,560	35,700	-5,860	-14.1	41,560	35,700	-5,860	-14.1
Maharashtra	114,885	93,846	-21,039	-18.3	114,885	93,846	-21,039	-18.3
Daman and Diu	1,774	1,580	-194	-10.9	1,774	1,580	-194	-10.9
Dadra and Nagar Haveli	3,388	3,372	-16	-0.5	3,388	3,372	-16	-0.5
Goa	2,740	2,707	-33	-1.2	2,740	2,707	-33	-1.2
Western Region	247,173	208,228	-38,945	-15.8	247,173	208,228	-38,945	-15.8

1	2	3	4	5	6	7	8	9
Andhra Pradesh	64,139	61,511	-2,628	-4.1	64,139	61,511	-2,628	-4.1
Karnataka	40,320	39,230	-1,090	-2.7	40,320	39,230	-1,090	-2.7
Kerala	15,663	15,284	-379	-2.4	15,663	15,284	-379	-2.4
Tamil Nadu	65,780	63,954	-1,826	-2.8	65,780	63,954	-1,826	-2.8
Puducherry	1,841	1,841	0	0.0	1,841	1,841	0	0.0
Lakshadweep #	24	24	0	0	24	24	0	0
Southern Region	187,743	181,320	-5,923	-3.2	187,743	181,820	-5,923	-3.2
Bihar	9,155	7,933	-1,222	-13.3	9,155	7,933	-1,222	-13.3
DVC	13,387	13,039	-348	-2.6	13,387	13,039	-348	-2.6
Jharkhand	5,139	4,458	-681	-13.3	5,139	4,458	-681	-13.3
Orissa	18,846	18,500	-346	-1.8	18,846	18,500	-346	-1.8
West Bengal	29,020	27,902	-1,118	-3.9	29,020	27,902	-1,118	-3.9
Sikkim	286	267	-19	-6.6	286	267	-19	-6.6
Andaman and Nicobar Islands #	240	180	-60	-25.0	240	180	-60	-25
Eastern Region	75,333	72,099	-3,734	-4.9	75,833	72,099	-3,734	-4.9
Arunachal Pradesh	391	302	-89	-22.8	391	302	-89	-22.8
Assam	4,816	4,412	-404	-8.4	4,816	4,412	-404	-8.4
Manipur	530	501	-29	-5.5	530	501	-29	-5.5
Meghalaya	1,620	1,232	-388	-24.0	1,620	1,232	-388	-24.0
Mizoram	288	246	-42	-14.6	288	246	-42	-14.6
Nagaland	377	334	-43	-11.4	377	334	-43	-11.4
Tripura	777	686	-91	-11.7	777	686	-91	-11.7
North-Eastern Region	8,799	7,713	-1,086	-12.3	8,799	7,713	-1,086	-12.3
All India	739,345	666,007	-73,338	-9.9	739,345	666,007	-73,338	-9.9

#Lakshadweep and Andaman and Nicobar Islands are stand-alone systems, power supply position of these, does not form part of regional requirement and availability.

Note: Both peak met and energy availability represent the net consumption (including the transmission losses) in the various States. Net export has been accounted for in the consumption of importing States.